

Turkish Journal of Medical Sciences

Turkish Journal

of



Medical Sciences

Spinal Anesthesia Management in Central Core Disease: A Case Report

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Abstract: Central core disease is a rare neuromuscular disorder associated with leg weakness. It is a familial disease with autosomal dominant inheritance. Central core disease has been reported to be associated with malignant hyperthermia. A 25-year-old woman with central core disease was scheduled to be operated for lumbar disc hernia at L4-5 and L5-S1 interspaces. Oral dantrolene was administered prophylactically. Spinal anesthesia was performed with a 25 G Whitacre spinal needle at the L3-4 interspace. No complication was observed during the intraoperative and postoperative periods. We present a case with central core disease who was operated under spinal anesthesia with oral prophylactic dantrolene.

Key Words: Central core disease, spinal anesthesia

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Turk J Med Sci 2006; **36**(6): 393-395.

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Other articles published in the same issue: [Turk J Med Sci,vol.36,iss.6.](#)